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25X1C

PHOTOGRAPHIC INTERPRETATION REPORT



25X1A

MISSION 5510

26 APRIL 1966

NPIC/R-159/66

MAY 1966

ARCHIVAL RECORD  
RETURN TO AGENCY ARCHIVES

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

## PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the Index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

The map base used (when available and applicable) for the derivation of coordinates is the latest edition of the US Air Target Chart, Series 200, or AMS Series L509 1:250,000 (China); or ONC; or AMS Series 1301, IMW (Tibet, Western China).

The header line for each target contains, reading from

left to right, the target name, the geographic coordinates, the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), or P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85 mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p><b>-NORTH VIETNAM-</b></p> <p><b>MILITARY INSTALLATIONS</b></p> <p>KINH NO MILITARY INSTALLATION 1.6 NM SSW OF KINH NO AND 5.6 NM NORTH OF HANOI AT UTM [REDACTED] INSTALLATION CONTAINS 15 BARRACKS/SUPPORT AND 4 MULTISTORY BUILDINGS. OB -- 5 SA-2 MISSILE TRANSPORTERS, 3 PROBABLE MISSILE TRANSPORTERS, AND 3 PROBABLE MISSILE FIN BOXES. ACTIVITY -- 2 PROBABLE OXIDIZER TRANSPORTERS, 7 SUPPORT VAN TRAILERS, AND 1 PROBABLE SUPPORT VAN TRAILER AND AT LEAST 21 UNIDENTIFIED PIECES OF EQUIPMENT ALONG A ROAD IMMEDIATELY WEST. (SEE ATTACHMENT 1)</p> <p>[REDACTED]</p>	2107N 10551E	0616		221-H
<p><b>BASIC SERVICES</b></p> <p>HANOI TRANSFORMER STATION LE PHAP 7 NM NORTH OF HANOI AND 1 NM NE OF LE PHAP AT UTM [REDACTED] WALL-SECURED FACILITY WITH GUARD TOWERS CONTAINS A REVETTED SWITCHING HOUSE, 3 SEMI- REVVETTED POL TANKS, A CIRCULAR COOLING POND, 2 TRANSFORMER YARDS, AND 2 SUPPORT BUILDINGS. A PROBABLY ASSOCIATED BARRACKS AREA 500 YDS EAST AT UTM [REDACTED] CONTAINS 4 BARRACKS, 1 ADMINISTRATION, AND 2 SUPPORT BUILDINGS. (SEE ATTACHMENT 2)</p> <p>[REDACTED]</p>	2108N 10550E	0616	25X1A [REDACTED]	221-I



THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MILITARY INSTALLATIONS</p> <p>PHUC YEN ARMY BARRACKS 25X1D</p> <p>THREE AREAS REFERENCED FROM PHUC YEN.</p> <p>AREA A (0.8 NM SOUTH AT [REDACTED] -- SECURED AREA CONTAINS 9 BARRACKS, 1 ADMINISTRATION, AND 5 SUPPORT BUILDINGS. 25X1D</p> <p>AREA B (1.2 NM SSE AT [REDACTED] -- SECURED AREA CONTAINS FOUR 2-STORY BARRACKS, 2 ADMINISTRATION (1 C-SHAPED), 9 SUPPORT, AND 7 MISCELLANEOUS BUILDINGS. 25X1D</p> <p>AREA C (1.3 NM SSE AT [REDACTED] -- TRAINING AREA IN AN ABANDONED CEMETERY. APPROXIMATELY 100 PERSONNEL OBSERVED UNDERGOING TRAINING. [REDACTED] 25X1D</p> <p>BASIC SERVICES</p> <p>YEN VIEN RR CLASSIFICATION YARD 25X1D</p> <p>APPROXIMATELY 2 NM WEST OF PHU NINH AND 0.4 NM EAST OF YEN VIEN AT UTM [REDACTED] YARD CONTAINS 15 TRACKS (MAXIMUM LENGTH OF 2,300 FT), 3 COAL STORAGE AREAS, A COALING TOWER, AND A TURNING WYE WITH 3 LOCOMOTIVE PROTECTION SHEDS.</p> <p>TWO SECURED STORAGE AREAS ARE SE OF RAILYARD. ONE, RAIL-SERVED, CONTAINS 7 STORAGE AND 2 SUPPORT BUILDINGS, AND THE OTHER, SOUTH OF ROUTE 1, CONTAINS 16 LARGE WAREHOUSES AND MATERIAL IN OPEN STORAGE.</p> <p>A FENCED WAREHOUSE AREA NE OF RAILYARD CONTAINS 9 LARGE WAREHOUSE-TYPE BUILDINGS, 7 LONG VEHICLE SHEDS/STORAGE BUILDINGS, AND 3 LONG RAIL-SERVED STORAGE BUILDINGS. LARGE</p>	<p>2113N 10543E</p> <p>2105N 10555E</p>	<p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>326-B</p> <p>407-A</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
AMOUNT OF UNIDENTIFIED MATERIAL OBSERVED IN OPEN STORAGE THROUGHOUT THE AREA. ACTIVITY -- 6 LOCOMOTIVES, 3 TANK CARS, 65 FLAT CARS (MOST WITH CANVAS-COVERED UNIDENTIFIED OBJECTS), 62 BOX CARS, AND 65 GONDOLA CARS IN RAILYARD. 25X1D [REDACTED]				
HANOI -- PING HSIANG RR SEGMENT 3 A NEWLY CONSTRUCTED RAIL BY-PASS EXTENDS FROM RAIL LINE IMMEDIATELY NORTH OF YEN VIEN RR CLASSIFICATION YARD [REDACTED] AT 25X1A 21-05N 105-55E [REDACTED] TO THE NEW RAIL 25X1D BRIDGE UNDER CONSTRUCTION ACROSS CANAL DES RAPIDES AT UTM [REDACTED] 25X1D 25X1A [REDACTED] 25X1D [REDACTED]	2110N 10604E	0616		297-A

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THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MISSILES</p> <p>KINH NO MILITARY INSTALLATION  OB -- 5 SA-2 MISSILE TRANSPORTERS, 3  PROBABLE MISSILE TRANSPORTERS, AND 3  PROBABLE MISSILE FIN BOXES.  ACTIVITY -- 2 PROBABLE OXIDIZER TRANSPORTERS,  7 SUPPORT VAN TRAILERS, AND 1 PROBABLE  SUPPORT VAN TRAILER AND AT LEAST 21  UNIDENTIFIED PIECES OF EQUIPMENT ALONG A  ROAD IMMEDIATELY WEST.  (SEE ATTACHMENT 1)</p>	2107N 10551E	0616		221-H
<p>GROUND</p> <p>CO DUONG STORAGE AREA  OB -- 9 CANVAS-COVERED POSSIBLE ZPU-4 AAA  PIECES.</p>	2109N 10549E	0616		221-J
<p>MISCELLANEOUS</p> <p>YEN VIEN RR CLASSIFICATION YARD  ACTIVITY -- 6 LOCOMOTIVES, 3 TANK CARS,  65 FLAT CARS (MOST WITH CANVAS-COVERED  UNIDENTIFIED OBJECTS), 62 BOX CARS, AND 65  GONDOLA CARS IN RAILYARD.</p>	2105N 10555E	0616	25X1A	407-A
<p>HANOI -- LAO CAI RR SEGMENT 5  ACTIVITY -- 20 BOX CARS AND 8 GONDOLA  CARS AT DOUBLE-TRACK SIDING AT 21-11N 105-45E</p>	2110N 10548E	0616		113-G

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